

C. FRANK HARSCHER, III
Secretary



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|--------|-------------|
| Site: | A.L. Taylor |
| Break: | 2.4 |
| Other: | |

JULIAN M. CARROLL
Governor

COMMONWEALTH OF KENTUCKY
DEPARTMENT FOR NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION
BUREAU OF ENVIRONMENTAL PROTECTION
DIVISION OF AIR POLLUTION CONTROL
WEST FRANKFORT OFFICE COMPLEX
1050 U.S. 127 BYPASS SOUTH
FRANKFORT, KENTUCKY 40601
M E M O R A N D U M

RECEIVED
NOV 13 1979

November 7, 1979
DIV. OF HAZARDOUS MATERIAL
AND WASTE MANAGEMENT

TO: Norman E. Schell
THROUGH: James W. Dills *JWD*
FROM: Gary L. metcalf *GLM*
SUBJECT: Valley of the Drums CleanUp Plan Development

I have investigated the possibility of reclaiming the empty drums for scrap. I contacted one of the closest steel mills, Kentucky Electric Steel in Grayson, and discussed the feasibility of having the drums melted down. I was informed that steel mills get their scrap metal primarily from scrap metal dealers and that I should contact them. Thus several scrap metal dealers, mainly in the Louisville area, were contacted. There is definitely a market for used drums and everyone seemed interested. However, they were interested in only clean drums that could be crushed without an explosion hazard. Thus, any drums containing sludge or solvent residues would be unacceptable for crushing or shredding.

The market values of clean drums ranged from \$18.00 to \$40.00 a ton. Assuming that a drum weighs 40 pounds, the drums (11,000 plus) would have a salvage value of approximately \$5,000.00. All of the dealers contacted indicated that they would not be able to pick the drums up at the site. Thus, transportation of the drums from the site to the scrap yard would have to be contracted to a third party. Ultimately, the drums would need to be baled or crushed on site to reduce the volume to a degree that transportation costs would be significantly reduced.

Based on the information that I have obtained, I recommend that the following plan of action be considered as a disposal alternative for the empty drums:

- 1) Reduce the volume of the drums as much as possible at the site, preferably by baling. If State owned equipment can not be utilized or is not available, lease the necessary equipment.
- 2) Contract a third party to transport the baled drums to the Louisville scrap metal dealer paying the highest price for scrap.

GLM:csm
cc: Art Curtis



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